

What is claimed is:

-1-

A mobile body supported computer comprising a computer housing, a heat insulating grille, an integral battery with casing said casing is at least partially constructed of a thermally non-conducting material, hands-free activation means, and means for supporting said computer housing by a user; said computer housing comprising substantially all of the components of a conventional computer, said housing having outside surfaces that when in use at least a portion are closest to the body of the user, said thermally non-conducting casing and insulating grille providing a user contact area that will not result in a burn injury.

-2-

The computer as in claim 1, wherein the integral battery is hot-swappable.

-3-

The computer of claim 1 wherein said housing comprises means in said computer housing for internal connection to a member selected from the group consisting of an IrDA transceiver, cell phones, radios and mixtures thereof.

-4-

The computer of claim 1 wherein an outer section of said housing comprises means for connection to mouse control means.

-5-

The computer of claim 1 wherein said computer has connecting means to a power supply, a keyboard or a monitor.

-6-

The computer of claim 1 wherein said hands-free activation means is selected from the group consisting of audio activation means, eye-tracking activation means, electroencephalography activation means, head and arm-tracking means and mixtures thereof.

-7-

A mobile body supported computer comprising a computer housing, an integral battery with casing said casing is at least partially constructed of a thermally non-conducting material, hands-free activation means, and means for supporting said computer housing by a user; said computer housing comprising substantially all of the components of a conventional computer, said housing having outside surfaces that when in use at least a portion are closest to the body of the user, said thermally non-conducting casing providing a user contact area that will not result in a burn injury.

-8-

The computer as in claim 7, wherein the integral battery is hot-swappable.

-9-

The computer of claim 7 wherein said housing comprises means in said computer housing for internal connection to a member selected from the group consisting of an IrDA transceiver, cell phones, radios and mixtures thereof.

-10-

The computer of claim 7 wherein an outer section of said housing comprises means for connection to mouse control means.

The computer of claim 7 wherein said computer has connecting means to a power supply, a keyboard or a monitor.

5

10

15

20